



DOCKET NO.: MS306435.01/MSFTP504US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **David M. Bargeron, et al.**  
Serial No.: **10/758,370**  
Filed: **January 15, 2004**  
For: **IMAGE-BASED DOCUMENT INDEXING AND RETRIEVAL**  
Art Unit: **2171**  
Examiner: **Unknown**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a)  Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.  
(b)  Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

- (a)  Within 3 months of the filing date or date of entry into the National Stage.  
(b)  Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.  
(c)  Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

- (d)  After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1)  The required certification is given below, or
- (2)  Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :
- (i)  Enclosed is a check covering the fee;
- (ii)  Charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063; or
- (iii)  Enclosed is a credit card payment form covering the fee.
- (e)  After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below. Regarding the fee set forth in 37 C.F.R. §1.17(i)(1) for consideration of this Statement:
- (1)  Enclosed is a check covering the fee;
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- (3)  Enclosed is a credit card payment form covering the fee.

4. Certification (if applicable)

- (a)  The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b)  The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

By   
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CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

2-16-06

Date



Himanshu S. Amin



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PTO/SB/08a (08-03)

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 3 Attorney Docket Number MS306435.01/MSFTP504US

**U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

Examiner Signature	/Giovanna Colan/	Date Considered	09/29/2008
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known	
Application Number	10/758,370
Filing Date	January 15, 2004
First Named Inventor	David M. Bargeron
Art Unit	2171
Examiner Name	
Attorney Docket Number	MS306435.01/MSFTP504US

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		European Search Report dated February 1, 2006 for European Patent Application No. EP05000750. 7 pages.	
		J.J. HULL, Document Image Matching and Retrieval with Multiple Distortion-Invariant Descriptors. Document Analysis Systems, World Scientific Publishing Co. 1995. Retrieved from the internet: <a href="http://rii.ricoh.com/hull/pubs/hull_da94.pdf">http://rii.ricoh.com/hull/pubs/hull_da94.pdf</a> . Retrieved on 12-06-2005.	
		J.J. HULL, et al. Document Image Matching Techniques. Symposium on Document Image Understanding Technology, April 30, 1997, pg. 31-35.	
		WANG SHIN-YWAN, et al. Block selection: a method for segmenting a page image of various editing styles. Document Analysis and Recognition, 1995. Proceedings of the Third International Conference on Montreal, Quebec, Canada. August 14-16, 1995. Los Alamitos, CA, USA. IEEE Comput. Soc., vol. I, August 14, 1995, pages 128-132.	
		V. EGLIN, et al. Document page similarity based on layout visual saliency: application to query by example and document classification. Document Analysis and Recognition, 2003. Proceedings of the 7th International Conference. August 3-6, 2003, Piscataway, NJ. IEEE, 9/3/03, pgs. 1208-1212.	
		C.L. TAN, et al. Text extraction using pyramid. Pattern Recognition, Elsevier, Kidlington, GB, vol. I, no. 1. January 1998, pages 63-72.	
		H. PENG, et al. Document image template matching based on component block list. Pattern Recognition Letters, North-Holland Publ. Amsterdam, NL, vol. 22, no. 9, July 2001, pgs. 1033-1042.	
		D. DOERMANN. The Indexing and Retrieval of Document Images: A Survey. Computer Vision and Image Understanding, Academic Press, San Diego, CA, US, vol. 70, no. 3, June 1998, pgs. 287-298.	
		D. DOERMANN, et al. The detection of duplicates in document image databases. Proceedings of the 4th International Conference on Document Analysis and Recognition, ULM, Germany, August 18-20, 1997, Proceedings of the ICDAR, Los Alamitos, IEEE Comp. Soc. US, vol. II, August 18, 1997, pgs. 314-318.	
		S. MITAIM, et al. Neural fuzzy agents that learn a user's preference map. Digital Libraries, 1997. ADL '97. Proceedings, IEEE International Forum on Research and Technology Advances in Washington, D.C., US, May 7-9, 1997, Los Alamitos, CA, US. IEEE Comput. Soc., US, May 7, 1997, pgs. 25-35.	

Examiner Signature	/Giovanna Colan/	Date Considered	09/29/2008

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 3 of 3

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<b>Filing Date</b>	January 15, 2004
<b>First Named Inventor</b>	David M. Bargeron
<b>Art Unit</b>	2171
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	MS306435.01/MSFTP504US

## **NON PATENT LITERATURE DOCUMENTS**

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